

11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209 501-455-3233 Fax 501-455-6118

16 June 2011

Jim Fleer Oxford Environmental & Safety, Inc 14348 Nieman Rd. Overland Park, KS 66221

**RE: Arkwood Monthly Sampling** 

SDG Number: 1106134

Enclosed are the results of analyses for samples received by the laboratory on 10-Jun-11 10:20. If you have any questions concerning this report, please feel free to contact me.

# Sample Receipt Information:

Custody Seals	~
Containers Correct	
COC/Labels Agree	
Preservation Confirmed	
Received On Ice	
Temperature on Receipt	4.0°C

Sincerely,

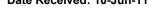
Norma James President

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Jim Fleer Oxford Environmental & Safety, Inc 14348 Nieman Rd. Overland Park, KS 66221

Project: Arkwood Monthly Sampling

Date Received: 10-Jun-11 10:20



## **ANALYTICAL RESULTS**

Lab Number: 1106134-01
Sample Name: Mouth
Date/Time Collected: 6/9/11 12:30
Sample Matrix: Water

<u>Semivolatiles</u>	<u>Units</u>	Result	Qualifier(s)	Date/Time Analyzed	<u>Batch</u>	<u>Method</u>
Pentachlorophenol	ug/L	52.4		6/14/11 14:09	A106136	8270D
2,4,6-Tribromophenol [surr]	%	91.5		6/14/11 14:09	A106136	8270D
2-Fluorophenol [surr]	%	36.4		6/14/11 14:09	A106136	8270D
Phenol-d5 [surr]	%	21.9		6/14/11 14:09	A106136	8270D

# **ANALYTICAL RESULTS**

Lab Number: 1106134-02
Sample Name: Weir
Date/Time Collected: 6/9/11 12:10
Sample Matrix: Water

<u>Semivolatiles</u>	<u>Units</u>	Result	Qualifier(s)	Date/Time Analyzed	<u>Batch</u>	Method
Pentachlorophenol	ug/L	< 5.00		6/14/11 14:55	A106136	8270D
2,4,6-Tribromophenol [surr]	%	80.9		6/14/11 14:55	A106136	8270D
2-Fluorophenol [surr]	%	28.7		6/14/11 14:55	A106136	8270D
Phenol-d5 [surr]	%	10.3		6/14/11 14:55	A106136	8270D

Arkansas Analytical

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14348 Nieman Rd.
Overland Park, KS 66221

**Project: Arkwood Monthly Sampling** 

Date Received: 10-Jun-11 10:20



# QUALITY CONTROL RESULTS

## Semivolatiles - Quality Control Analyzed: 14-Jun-11 12:37 By: TB

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch A106136 - 3550B: Modified										
Blank (A106136-BLK1)				Prepared 8	k Analyzed:	14-Jun-11				
Pentachlorophenol	ND	5.00	ug/L							
Surrogate: 2,4,6-Tribromophenol	29.2		"	40.0		72.9	39.2-127			
Surrogate: 2-Fluorophenol	15.8		"	40.0		39.6	10.7-76.6			
Surrogate: Phenol-d5	10.1		"	40.0		25.2	13-62.4			
LCS (A106136-BS1)				Prepared 8	k Analyzed:	14-Jun-11				
Pentachlorophenol	28.5	5.00	ug/L	40.0		71.3	65.4-117			
Surrogate: 2,4,6-Tribromophenol	38.8		"	40.0		97.1	39.2-127			
Surrogate: 2-Fluorophenol	18.7		"	40.0		46.7	10.7-76.6			
Surrogate: Phenol-d5	18.5		"	40.0		46.2	13-62.4			
Matrix Spike (A106136-MS1)	Sour	ce: 11061	40-01	Prepared & Analyzed: 14-Jun-11						
Pentachlorophenol	343	50.0	ug/L	400	ND	85.7	49.6-126			
Surrogate: 2,4,6-Tribromophenol	395		"	400		98.8	39.2-127			
Surrogate: 2-Fluorophenol	148		"	400		37.1	10.7-76.6			
Surrogate: Phenol-d5	135		"	400		33.7	13-62.4			
Matrix Spike Dup (A106136-MSD1)	Sour	ce: 11061	40-01	Prepared 8	k Analyzed:	14-Jun-11				
Pentachlorophenol	329	50.0	ug/L	400	ND	82.3	49.6-126	4.12	30	
Surrogate: 2,4,6-Tribromophenol	399		"	400		99.8	39.2-127			
Surrogate: 2-Fluorophenol	207		"	400		51.8	10.7-76.6			
Surrogate: Phenol-d5	174		"	400		43.5	13-62.4			

All Analysis performed according to EPA approved methodology when available:

SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods, 20th Edition. Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by:

Norma James President

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Arkansas Analytical

Oxford Environmental & Safety, Inc

Overland Park, KS 66221 Project: Arkwood Monthly Sampling 14348 Nieman Rd.

Date Received: 10-Jun-11 10:20 CHAIN OF CUSTODY FORM(S)

11701 Interstate 30, Bldg. 1, Ste. 115 Little Rock, AR 72209

PHONE: 501-455-3233 FAX: 501-455-6118

# **CHAIN OF CUSTODY RECORD**

CLIENT INFOR	MATION						Project Desc	ription	Tumaround Time				Preserva	tion Cod	es:		
Oxford Environmental & Safety, Inc. 14348 Nieman Rd. Overland Park KS 66221					. >	Arkwood Monthl		24 Hour	1. Cool, 4 Degrees Centigrade				4. Thiosulfate for Dechlorination				
						Tannoo money can pung			-	2. Sulfuric Acid (H <sub>2</sub> SO <sub>2</sub> ), pH < 2					drochloric Acid		
						Reporting Information 72 Hou				3. Nitric Ac					Sodium Hydroxide (NaOH), pH > 12		
Attn: Jim Fleer							Telephone: 913-706-3422 Routine (5				TES					Bottle Type Code	
							Email: jffeer@oxfordeands.com Preservative Code: 1						20. TARAMETERS				
									Bottle Type:	GA	1				V = Septum; A = Amber		
ampler(s) Sig	0.			JØ 24 pler(s)			Fleer			Pentachlorophenol (8270D)						Arkansas Analytical Work Order Number:	
Field	SAMPLE C	OLLECTION					SAMPLE			<u> </u>				1.			
Number	Date/s	Time/s			Number	Sample	IDENTIE	ICATION/ DES	CDIDTION	9270			-		1 1	11010134	
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Relinquished b	w- (Signature)	Date/Time		2 04	anius d	jan 18	Iignature)	SAMOLE	CONDITION UPON	DECEIDT IN	LAR	1	DEMA	DVC/C	AMPLE CO	MMENTS	
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Ni C	1/1/4	6/4/2011			$\Gamma$	1-	V	1. CUSTODY S	EALS:	Yes	No	MS/N	ISD Collec	ted from	: Weir		
1 games	U	6/9/2011			Ke	dE	X	2. CONTAINER	S CORRECT:	Yes	No	02	YOWAY !	25%	-	m W	
		11.00			10	41 40		3. COC/LABELS	AGREE:	Yes	No	02	Conc:	2.67	% T.	emp 13.93 16	
Relinquished b				by lab	(Signature)	4. PRESERVAT	ION CONFIRMED:	Yes	No	Res	Oz Power: 25% M W Oz Conc : 2.61% Temp 13.93 16 Residual Oz: 3.57ppn DO% 320 27 Florenti: 6.80gpn DOGOR 3.30 27						
	I-	1. 10.1				,	N) n	5. RECEIVED C	IN ICE:	١.	No	8/1	write: 1	1800	2002 1	DO CONG 3.30 77	
Va	nlex	lo 10-11			M	5. RECEIVED ON ICE:  6. TEMPERATURE ON RECEIPT:				4.0		0 14 7.09				p H 7.09 7	
16	01010	102	0	IJ	1	•	KWWS' >	FO	R COMPLETION BY	LABONIV							
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